## Message Text

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**ACTION OPIC-12** 

INFO OCT-01 EA-11 ISO-00 AID-20 CIAE-00 COME-00 EB-11

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R 260535Z AUG 74

FM AMEMBASSY JAKARTA

TO AMEMBASSY SINGAPORE

INFO SECSTATE WASHDC 4061

AMEMBASSY BANGKOK

AMCONSUL HONG KONG

AMEMBASSY KUALA LUMPUR

AMEMBASSY MANILA

AMEMBASSY SAIGON

AMEMBASSY SEOUL

AMEMBASSY TAIPEI

AMEMBASSY TOKYO

AMCONSUL MEDAN

AMCONSUL SURABAYA

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E.O. 11652: N/A

TAGS: ECON EINV ELAB ID

SUBJECT: ELECTRONICS PRODUCTION IN INDONESIA

REF: (A) SINGAPORE 3186 (B) STATE 176712

SUMMARY

ELECTRONICS INDUSTRY IN INDONESIA IS IN NASCENT STAGE WITH FOUR U.S. COMPANIES -- MONSANTO, MICRO-TECH, NS AND FARICHILD -- HAVING INITIATED ASSEMBLY OF LIGHT EMITTING DIODES, COMPUTER CORE MEMORIES AND LIMITED OFFICIAL USE

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MOLDED INTEGRATED PLASTIC CIRCUITS IN PAST 18

MONTHS. ALL FOUR COMPANIES ARE PROGRESSING WELL IN SPITE OF SOFTENING DEMAND IN U.S. MARKET AND SPORADIC DIFFICULTIES IN OBTAINING NEEDED RAW MATERIALS. LABOR SUPPLY HERE IS ABUNDANT AND CHEAP -- APPROXIMATELY \$1 PER DAY PER EMPLOYEE IN THIS INDUSTRY. PRODUCTION EXPECTED REAMIN AT CURRENT OR HIGHER LEVEL IN NEAR AND LONG TERM. LABOR FORCE REDUCTIONS AND SHORTER WORK WEEKS ARE NOT ANTICIPATED. AT LEAST TWO COMPANIES ARE PLANNING SIGNIFICANT INCREASE IN SIZE THEIR LABOR FORCE. END SUMMARY.

1. P.T. MONSANTO PAN ELECTRONICS (JAKARTA) ASSEMBLES LIGHT EMITTING DIODES USED MOSTLY IN CLAUCULATORS BUT ALSO IN CLOCKS, COMPANY WAS PLANNING PRODUCE SAME PRODUCT FOR AUTO MAKERS BUT ORDERS CANCELLED. COMPANY'S LABOR FORCE OF 1200 HAS REMAINED RELATIVELY STABLE SINCE EARLIER 1974 WHEN IT BEGAN OPERATIONS. FIRM HAS AVOIDED LAYOFFS BY EXPANDING OUTPUT, DECREASING UNIT COST AND TRIMMING LABOR FORCE SLIGHTLY THROUGH ATTRITION. MANAGEMENT RECEIVES EIGHT-WEEK PRODUCTION SCHEDULE AT TIME. PRESENT PRODUCTION TARGETS ARE SAME AS USUAL AND NO LAYOFFS OOR REDUCTION IN WORK WEEK FORESEEN. LIKE MOST SEMICONCUCTOR ASSEMBLERS, MONSANTO HAS BEEN IN HOLDING PATTERN FOR MONTHS AS IT OBSERVED RAW MATERIALS PRICES RISING AND WHOLESALE PRICES FALLING. COMPANY OFFICIAL REPORTED SEMICONDUCTOR BUYERS IN U.S. GOT IN HABIT PLACING ORDERS FOR SAME COMPONENTS WITH SEVERAL ASSEMBLERS AT ONE TIME. BUYERS THEN PLACED THEMSELVES IN POSITION OF BEING ABLE TO BARGAIN FOR LOWEST PRICE AND THEN CANCELLING THEIR ORDERS WITH OTHER ASSEMBLERS. OFFICIAL DESCRIBED THIS TACTIC AS TANTAMOUNT TO CREATING PRICE WAR WHICH LEFT MANY ASSEMBLERS HIGH AND DRY WITH LARGE INVENTORIES. OFFICIAL STATED OPINIONOF EIA CITED RE B HITS NAIL SQUARELY ON HEAD. IT IS LIMITED OFFICIAL USE

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NOT HIGHER WAGE RATES IN SINGAPORE OR ELSE-WHERE IN SEA THAT ARE AT ROOT OF PROBLEM BUT RATHER FLUCTUATION OF DEMAND IN U.S. MARKET WHICH THREE TIMES IN PAST DECADE HAS ROCKED SEMICONDUCTOR INDUSTRY WITHLA YOFFS AFFECTING 30 PERCENT OF PEOPLE IN INDUSTRY.

2. P.T. MICRO-TECH INDONESIA (JOGYAKARRTA) BEGAN

ASSEMBLING COMPUTER CORE MEMORIES IN MARCH 1973, COMPANY EMPLOYS 680, IN NOVEMBER, 1973, BECAUSE OF SHORTAGES OF FERRITE CORES AND PRINTED CIRCUIT BOARDS IN HONG KONG. COMPANY WAS FORCED TO CUTBACK SIZE ITS LABOR FORCE BY 200, BUT MOST THESE EMPLOYEES WERE LATER RE-HIRED. MICRO-TECH MANAGEMENT DOES NOT ANTICIPATE SLACKENING IN DEMAND FOR ITS PRODUCT, ON CONTRARY, THERE IS MULTO-MILLION DOLLAR BACKLOG FOR PRODUCT AND COMPANY IS HIGHLY PLEASED WITH ITS SALES AND TWO-YEAR BACKLOG OF ORDERS. COMPANY NOW CONSIDERING INCREASE ITS WORK FORCE BY 500, MANAGER IS CONVINCED SINGAPORE IS VERY EXPENSIVE PLACE TO DO BUSINESS. FEW MONTHS AGO, HE INVENTORIED PRICES THERE AND WAS AMAZED HOW EXPENSIVE IT IS TO OPERATE IN ISLAND REPUBLIC. HE SAID HE WOULD NOT CONSIDER OPENING PLANT THERE OR IN HONG KONG. BOTH LOCATIONS ARE JUST TOO EXPENSIVE. HE SAID CHEAP LABOR WAR REASON HIS COMPAY CAME TO INDONESIA.

3. P.T. FAIRCHILED SEMICONDUCTOR INDONESIA (JAKARTA) IN APRIL 1974 INITIATED ASSEMBLING PLASTIC INTEGRATED CIRCUITS FOR USE IN COMPUTERS, TELEVISION AND OTHER ENTERTAINMENT INDUSTRY PRODUCTS. COMPANY, WHICH EMPLOYS 450 IN THREE SHIFTS, RECENTLY CUTBACK WORK WEEK TO FOUR DAYS NOT BECAUSE OF SOFTENING U.S. DEMAND BUT BECAUSE OF PROBLEM OF RAW MATERIAL SUPPLY FROM U.S. NO LAYOFFS ANTICIPATED AND SALARIES FOR FIVE-DAY WEEK STILL BEING PAID LABOR FORCE. COMPANY HAS STOPPED HIRING UNTIL INVENTORIES FALL INTO LINE ONCE AGAIN, BUT MANAGEMENT FORESEES ACCELERATING LIMITED OFFICIAL USE

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DEMAND OVER NEAR AND LONG TERM AND ANTICIPATES
GO AHEAD SIGNAL SOON FROM CORPORATE HEADQUARTERS TO INCREASE SIZE LABOR FORCE TO
700 PEOPLE BY END 1974. COMPANY PRESENTLY
OPERATING IN 6,000 SQ. FT. BUILDING, HAS NEW
100,000 SQ.FT. BUILDING UNDER CONSTRUCTION,
AND PLANS WORK FORCE OF 5,000 PEOPLE WITHIN 3-5 YEARS
COPANY IS ENJOYING SIX-YEAR TAX HOLIDAY, HAS NO
PROBLEMS WITH CUSTOMS CLEARANCE AND TURNAROUND
TIME AND FINDS LOW WAGE RATES HERE AN INCENTIVE
IN ITSELF. MANAGEMENT BELIEVES LAYOFFS IN
SEMICONDUCTOR INDUSTRY ARE DUE TO GENERAL
SLOWDOWN IN U.S. ECONOMY. THEY SAID INDUSTRY
REALIZED FANTASTIC 70 PERCENT GROWTH IN 1973
AN THIS DROPPED TO 30 PERCENT THIS YEAR WHICH IS STILL

## OUTSTANDING.

4. P.T. NATIONAL SEMICONDUCTOR INDONESIA (BANDUNG) IN FEBRUARY 1974 BEGAIN ASSEMBLING INTEGRATED PLASTIC CIRCUITS FOR TELEVISION SETS, RADIOS AUTO, COMPUTERS. SIZE COMPANY'S LABOR FORCE IS 230. NO LAYOFFS OR REDUCTION IN LENGTH OF WORK WEEK YET AND NONE FORCEAST. RECENTLY, COMPANY ADDED THIRD SHIFT AND WILL SOON MOVE FROM TEMPORARY RENTED QUARTERS INTO NEW PLANT. COMPANY OFFICIAL STATED SEMICONDUCTOR INDUSTRY IS IN STAGE OF OVERCAPACITY WORLDWIDE. HE SAID INDUSTRY IS YOUNG AN REACTS QUICKLY TO CHANGING ECONOMIC CONDITIONS AND HIS FIRM IN PARTICULAR HAS REPUTATION FOR REACTING SWIFTLY TO CHANGES IN DEMAND WITH RESULT IT HAS BEEN SPARED MANY OF FINANCIAL WOES WHICH HAVE BUFFETED ITS COMPETITORS. NEWSOM

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